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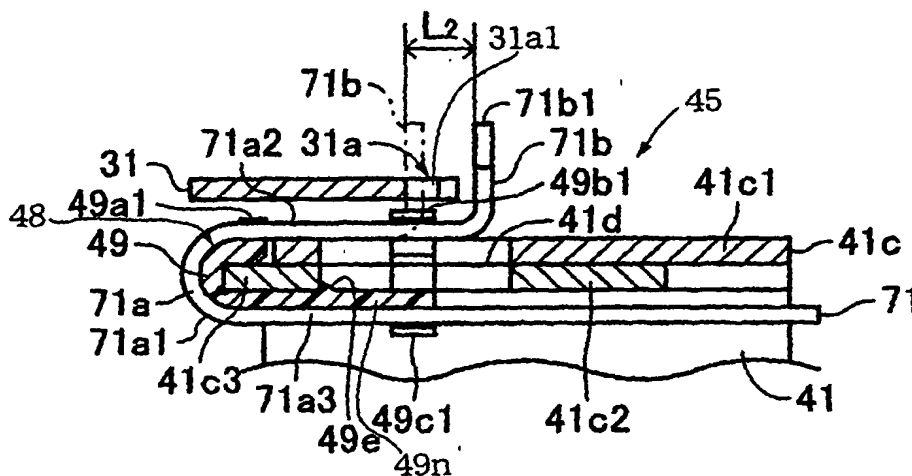
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(54) Title: SHOCK ABSORBING STEERING COLUMN SUPPORT



(57) Abstract: A shock absorbing steering apparatus for use in a vehicle, including a steering column to be fixed to a portion of a body of the vehicle such that the steering column is releasable from the body of the vehicle and movable in a forward direction of the vehicle in the event of a secondary collision of an occupant of the vehicle upon a collision of the vehicle, and wherein one of the steering column and the portion of the vehicle body includes a mounting portion, while the other of the steering column and the portion of the vehicle body includes a holding portion. The steering apparatus further includes an impact energy absorbing member to be mounted on the mounting portion. The impact energy absorbing portion includes an engaging portion engageable with the holding portion and is deformable as the steering column is moved in the forward direction while the engaging portion is held in engagement with the holding portion, whereby the impact energy absorbing member absorbs an impact energy generated by the secondary collision.

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**A. CLASSIFICATION OF SUBJECT MATTER**  
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**B. FIELDS SEARCHED**

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

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**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 378 021 A (YAMAGUCHI MIKIO ET AL) 3 January 1995 (1995-01-03) abstract; claims 1,3,5; figures 1-15 column 1, line 63 - column 3, line 68 column 4, line 53 - column 6, line 12 -----	1,2,12, 17-19
X	EP 1 247 721 A (TOYOTA MOTOR CO LTD) 9 October 2002 (2002-10-09)	1-8, 10-13, 17-19,24 14,37
A	abstract; claims 1-22; figures 1-24; table 1 paragraphs '0087! - '0098!, '0140! - '0142!; figures 25-34 ----- -/--	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

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A	paragraph '0064!; figures 1-10 -----	

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